

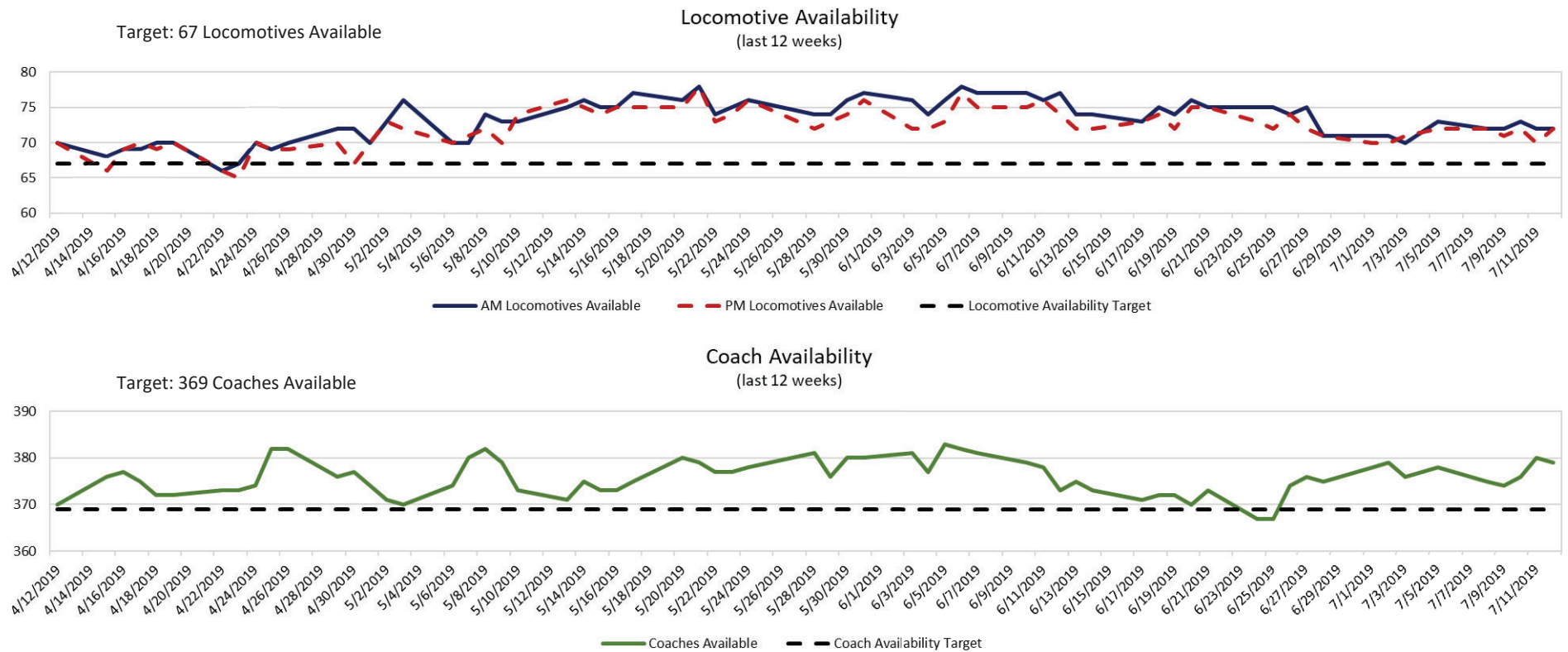
# Commuter Rail Performance Update

July 22<sup>nd</sup>, 2019



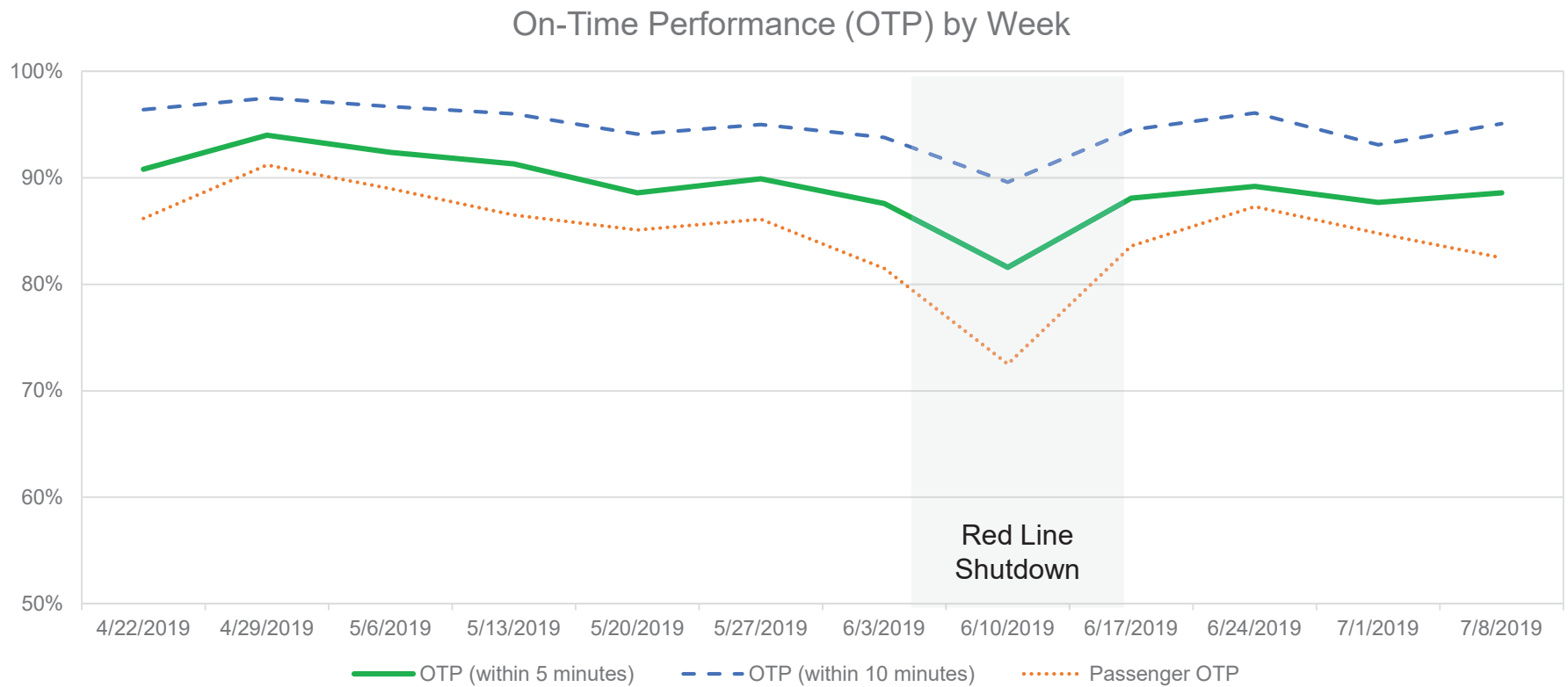


# Equipment Availability





## On-Time Performance



3 \* June and July data not finalized

Draft for Discussion & Policy Purposes Only

KEOLIS



## OTP Within 5 Minutes

	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	Trailing Year Average
Fairmount	96.8%	95.2%	94.1%	97.2%	95.3%	98.3%	96.2%	96.9%	95.7%	94.6%	95.6%	93.2%	95.8%
Fitchburg	85.5%	88.0%	88.1%	87.1%	76.3%	88.4%	88.1%	87.5%	89.3%	92.3%	92.2%	84.1%	87.3%
Franklin	77.8%	80.2%	84.8%	82.8%	79.7%	90.8%	89.5%	90.3%	92.7%	90.9%	90.3%	85.2%	86.2%
Greenbush	93.5%	93.7%	94.7%	94.6%	91.7%	98.0%	94.8%	93.2%	97.0%	89.8%	91.7%	78.8%	92.6%
Haverhill	92.3%	92.6%	92.5%	92.5%	88.6%	93.1%	94.2%	92.5%	92.3%	92.9%	95.7%	91.7%	92.6%
Kingston/Plymouth	90.2%	91.6%	92.7%	90.6%	87.3%	95.4%	92.4%	89.0%	93.7%	91.2%	90.2%	77.7%	90.2%
Lowell	91.8%	93.0%	90.6%	89.6%	85.3%	95.4%	95.0%	91.7%	92.3%	93.2%	94.4%	92.2%	92.1%
Middleboro	88.1%	88.5%	91.8%	91.3%	88.3%	93.6%	87.5%	88.7%	91.1%	81.7%	85.9%	73.6%	87.5%
Needham	88.8%	91.6%	94.6%	89.9%	85.3%	92.2%	92.0%	86.5%	91.6%	88.7%	93.3%	91.4%	90.5%
Newburyport	91.9%	89.8%	92.6%	86.8%	85.3%	94.6%	93.7%	91.6%	92.6%	93.6%	92.8%	92.0%	91.4%
Providence	81.4%	86.6%	84.0%	82.5%	83.0%	89.0%	90.7%	88.4%	86.6%	86.6%	87.2%	81.6%	85.6%
Rockport	93.4%	90.1%	93.4%	86.4%	85.4%	96.2%	95.0%	90.9%	92.9%	90.7%	91.7%	90.4%	91.4%
Stoughton	81.1%	82.7%	84.3%	82.4%	80.1%	90.7%	87.3%	82.9%	85.7%	84.7%	85.6%	83.4%	84.2%
Worcester	78.9%	88.5%	93.3%	85.7%	82.4%	90.5%	88.8%	87.0%	91.1%	89.0%	89.0%	86.6%	87.6%
<b>Grand Total</b>	<b>87.8%</b>	<b>89.4%</b>	<b>90.8%</b>	<b>88.3%</b>	<b>85.2%</b>	<b>93.2%</b>	<b>91.9%</b>	<b>90.0%</b>	<b>91.8%</b>	<b>90.4%</b>	<b>91.4%</b>	<b>86.6%</b>	<b>89.7%</b>



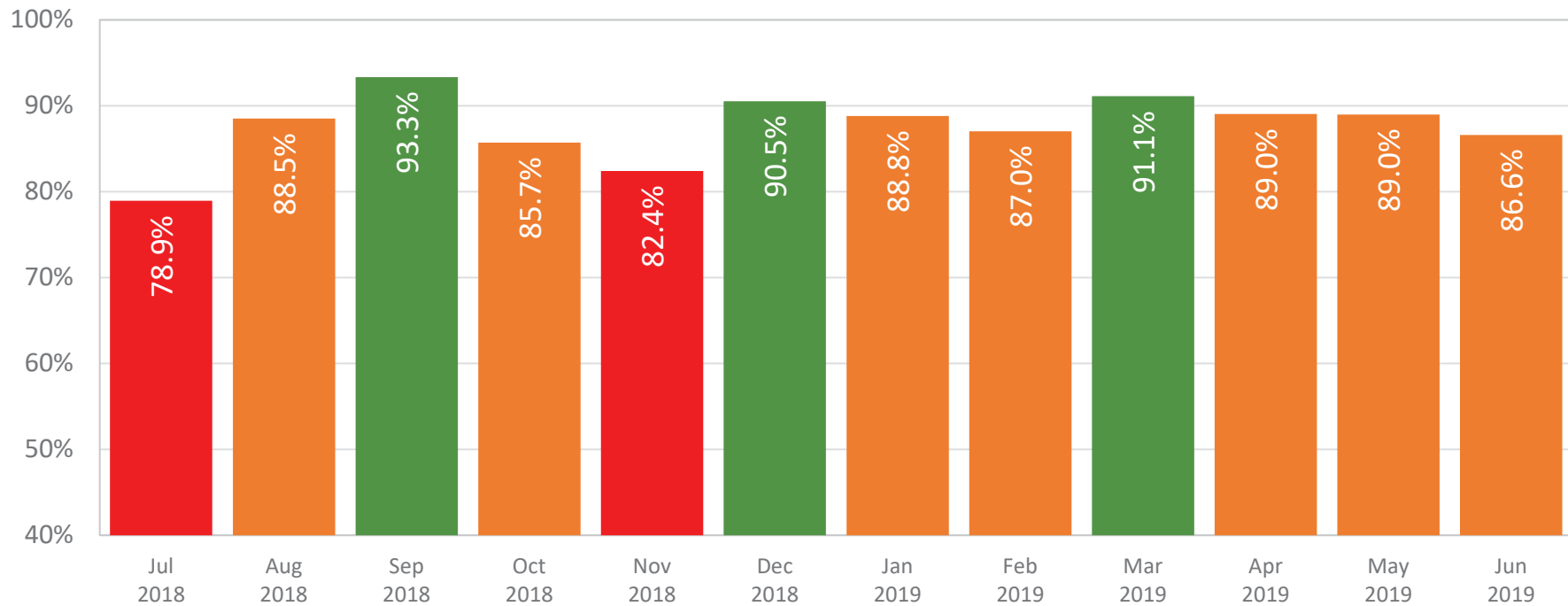
## OTP Within 10 Minutes

	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	Trailing Year Average
Fairmount	98.8%	97.2%	97.2%	98.6%	98.0%	99.5%	97.5%	98.2%	97.9%	96.6%	97.7%	96.5%	97.8%
Fitchburg	93.0%	94.4%	93.7%	93.6%	85.7%	94.4%	93.5%	91.9%	95.1%	95.9%	95.5%	93.3%	93.4%
Franklin	87.5%	89.2%	92.2%	91.0%	90.9%	96.3%	95.0%	93.3%	96.6%	96.1%	95.5%	92.1%	93.0%
Greenbush	95.8%	96.8%	96.5%	96.9%	95.1%	98.6%	96.7%	96.0%	98.5%	94.7%	96.7%	88.9%	95.9%
Haverhill	96.5%	96.0%	96.5%	96.9%	94.1%	96.9%	96.7%	96.6%	95.9%	96.6%	97.8%	97.0%	96.5%
Kingston/Plymouth	95.8%	96.0%	96.2%	94.7%	91.0%	98.0%	94.5%	93.8%	97.3%	95.7%	94.5%	87.0%	94.6%
Lowell	97.0%	97.4%	96.5%	95.5%	94.4%	98.5%	97.5%	96.5%	95.3%	98.0%	97.7%	97.3%	96.8%
Middleboro	94.0%	92.2%	95.1%	94.7%	93.5%	97.4%	93.2%	92.7%	95.5%	90.5%	92.1%	83.4%	92.9%
Needham	94.9%	96.6%	98.7%	95.3%	93.4%	97.3%	97.6%	93.7%	97.9%	94.2%	97.4%	95.9%	96.1%
Newburyport	98.2%	96.1%	97.6%	93.5%	94.1%	97.8%	96.4%	94.8%	96.9%	96.4%	97.3%	96.5%	96.3%
Providence	90.8%	93.9%	92.5%	91.9%	90.8%	95.4%	95.3%	93.6%	94.6%	94.0%	93.9%	91.9%	93.2%
Rockport	97.0%	94.6%	98.1%	93.8%	91.8%	98.0%	98.3%	94.8%	95.8%	94.8%	96.4%	95.8%	95.8%
Stoughton	89.9%	90.3%	92.8%	89.8%	90.6%	94.8%	95.5%	88.2%	92.7%	91.6%	93.5%	91.8%	91.8%
Worcester	88.1%	93.7%	96.5%	91.9%	91.9%	95.5%	94.8%	91.9%	95.5%	95.7%	95.3%	93.1%	93.7%
<b>Grand Total</b>	<b>94.0%</b>	<b>94.6%</b>	<b>95.7%</b>	<b>94.1%</b>	<b>92.6%</b>	<b>97.0%</b>	<b>95.9%</b>	<b>94.2%</b>	<b>96.1%</b>	<b>95.4%</b>	<b>96.0%</b>	<b>93.4%</b>	<b>94.9%</b>



## Worcester Line Performance

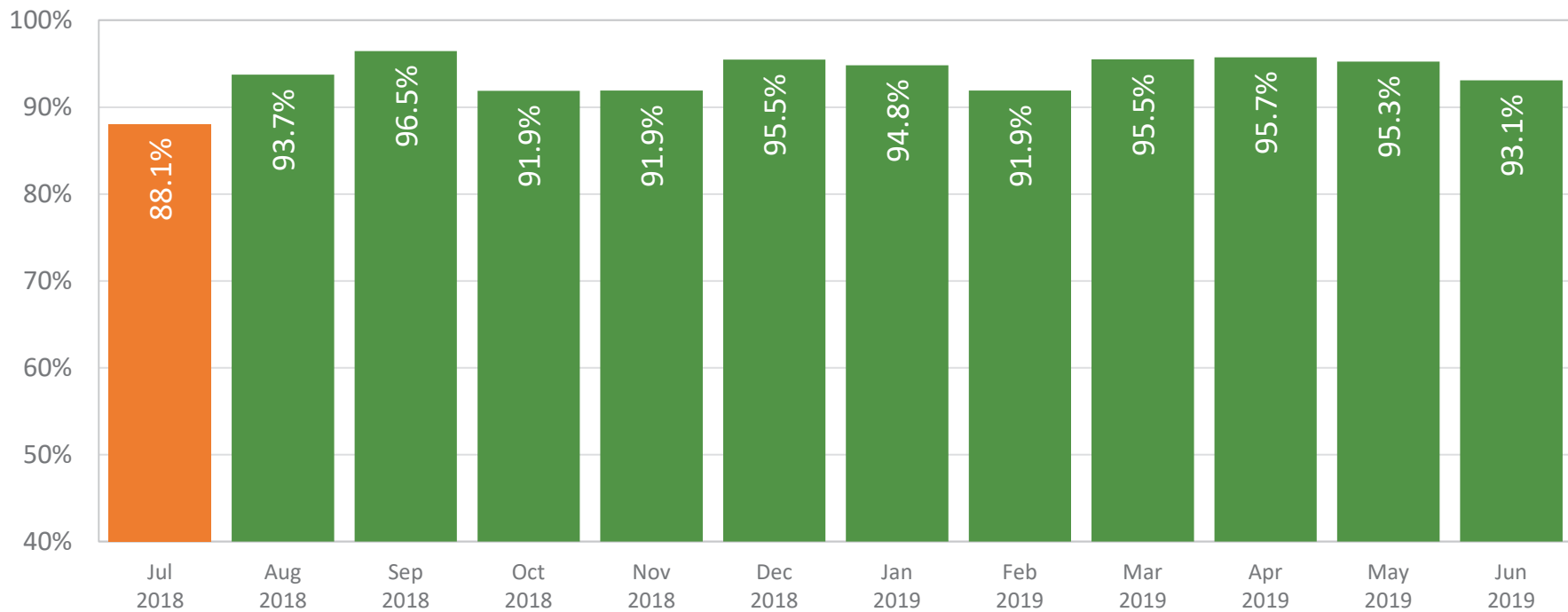
Worcester Line OTP Within 5 Min





## Worcester Line Performance

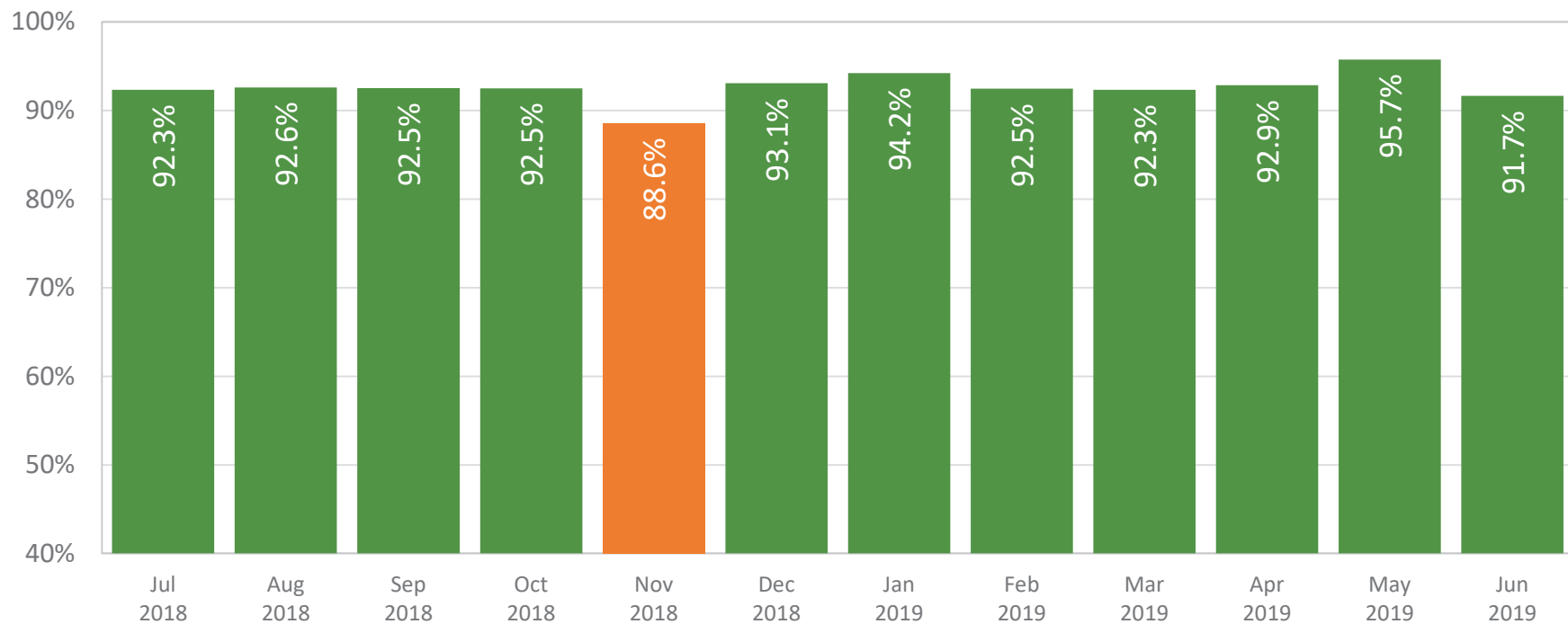
Worcester Line OTP Within 10 Min





## Haverhill Line Performance

Haverhill Line OTP Within 5 Min

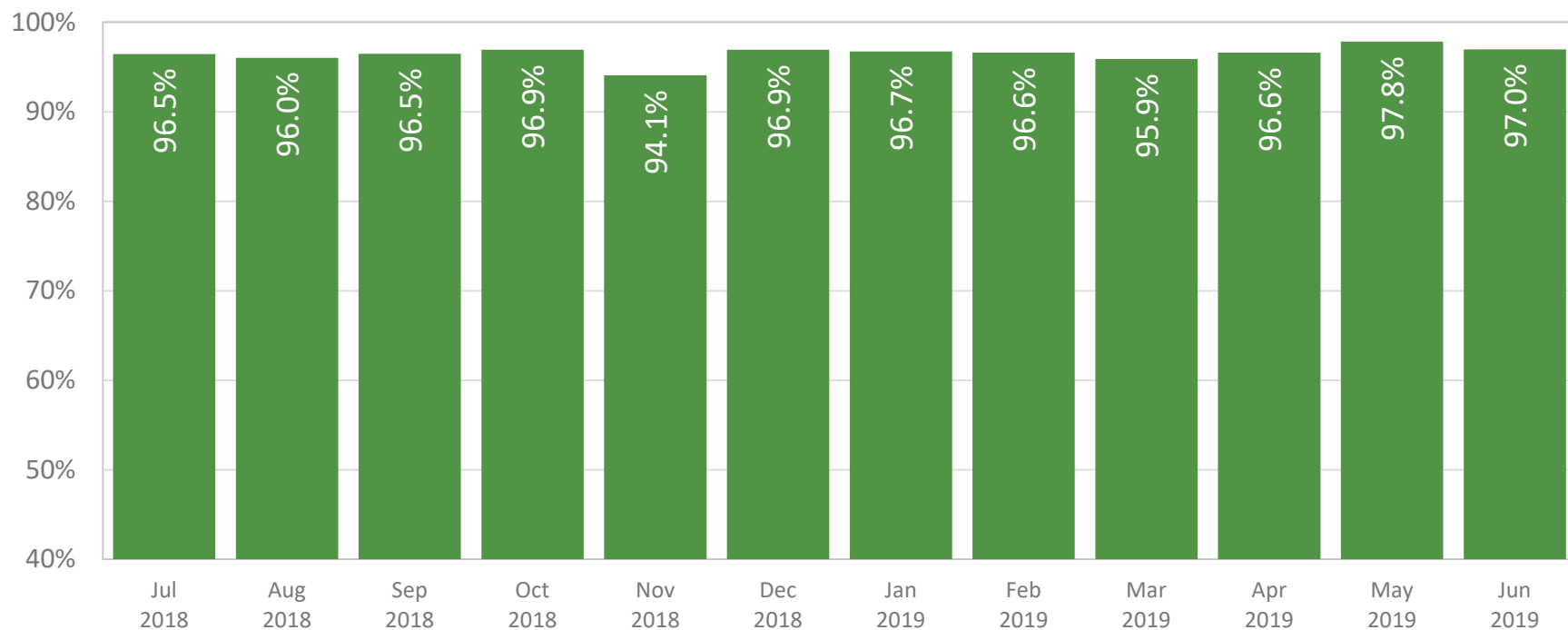




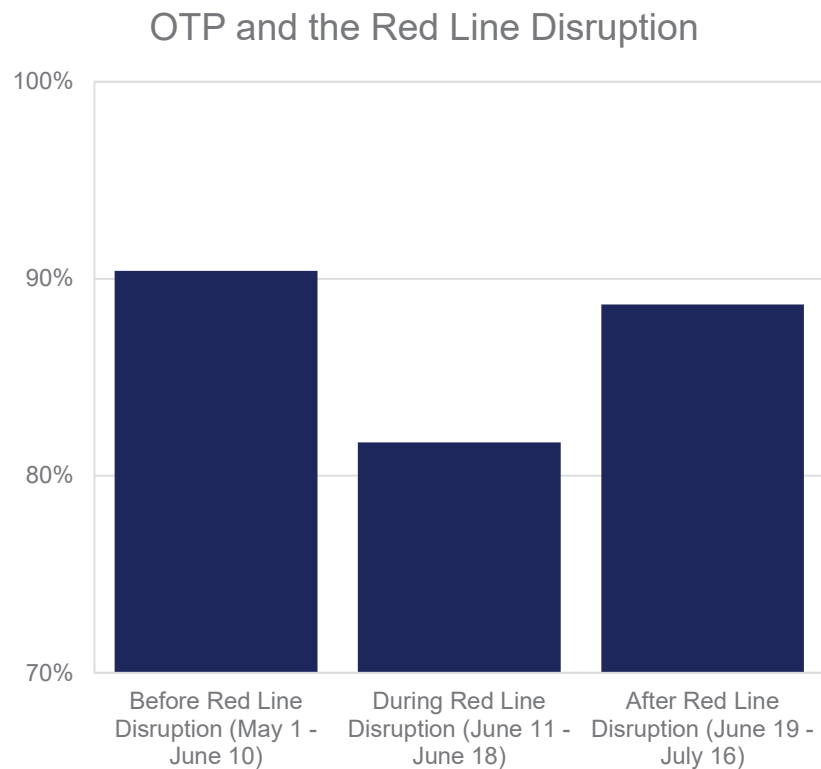


## Haverhill Line Performance

Haverhill Line OTP Within 10 Min



## Red Line Shut Down Impact



- ⦿ OTP during the Red Line disruption was 81.7%
- ⦿ Additional shuttle service and station stops were added to Old Colony trains to accommodate Red Line passengers
- ⦿ Due to single track, this change caused significant scheduling conflicts between Old Colony trains
- ⦿ The impact spilled over to other lines because trains were no longer arriving to South Station at the right time